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2005

INTERNATIONAL SEARCH REPORT

International application No	PCT/IB 03/05727
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A. CLASSIFICATION OF SUBJECT MATTER			
IPC 7	H01L33/00	C09K11/79	C09K11/78
			C09K11/84

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L C09K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, A	EP 1 339 109 A (LUMILEDS LIGHTING U S LLC) 27 August 2003 (2003-08-27) the whole document -----	1-11
P, A	US 2003/006702 A1 (SCHMIDT PETER ET AL) 9 January 2003 (2003-01-09) the whole document -----	1-11
A	WO 01/40403 A (PATRA PATENT TREUHAND ; BRAUNE BERT (DE); BOGNER GEORG (DE); WAITL GUE) 7 June 2001 (2001-06-07) the whole document -----	1-12
A	US 2002/105269 A1 (HUBER GUENTER ET AL) 8 August 2002 (2002-08-08) the whole document -----	1-11

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

• Special categories of cited documents :

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

12 March 2004

Date of mailing of the international search report

19/03/2004

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 PCT/IB 03/05727

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 1339109	A	27-08-2003	US EP JP	2003006702 A1 1339109 A2 2003273409 A		09-01-2003 27-08-2003 26-09-2003
US 2003006702	A1	09-01-2003	US EP JP DE GB JP	6351069 B1 1339109 A2 2003273409 A 19962765 A1 2347018 A 2000244021 A		26-02-2002 27-08-2003 26-09-2003 31-08-2000 23-08-2000 08-09-2000
WO 0140403	A	07-06-2001	EP CA CA CN CN WO WO EP EP EP HU HU JP JP TW US US	1104799 A1 2359896 A1 2360330 A1 1337988 T 1337989 T 0140403 A1 0139574 A1 1238041 A1 1153101 A1 0105080 A2 0200436 A2 2003515655 T 2003515665 T 524840 B 2003024438 A1 2003020101 A1		06-06-2001 07-06-2001 07-06-2001 27-02-2002 27-02-2002 07-06-2001 07-06-2001 11-09-2002 14-11-2001 29-04-2002 29-06-2002 07-05-2003 07-05-2003 21-03-2003 06-02-2003 30-01-2003
US 2002105269	A1	08-08-2002	DE FR GB JP NL	10105800 A1 2820429 A3 2373510 A 2002322474 A 1019917 A1		08-08-2002 09-08-2002 25-09-2002 08-11-2002 08-08-2002